

Radio
Receivers

Remotes

Gate
Controllers

Gate
Automation
Accessories

Gate
Motors

Access
Control



**INCREASING
THE RANGE
OF REMOTES**

**HOUSING
FOR OUTDOOR
INSTALLATION**

**POWER
SUPPLY
230V AC**

- compatible with
DTM433MHz / DTM868MHz
- possibility of several
repeaters working in the system
- signal retransmission
without the need to add a transmitter
to the device

REPEATER / REPEATER 868 is a device that increases the range of radio transmitters of the DTM433MHz or DTM868MHz system, depending on the version of the device. The repeater operates with all types of transmitters produced by the DTM System, without the need to add them to the device. The signal amplifier is powered by 230V AC mains voltage. It is delivered in a dedicated IP-54 surface-mounted enclosure intended for outdoor installation.



radio signal retransmitter

➤ Parameters

power supply: 230VAC 50Hz $\pm 10\%$
power consumption: max. 30mA
transmission protection: 64-bit Keeloq®/104-bit IRS
type of modulation and frequency: OOK 433,92MHz/FSK 868MHz
maximum effective radiation power: 10mW
number of transmitters: unlimited, no need to add remote to the device
maximum range: 150m/250m
working temperature: -10°C $+55^{\circ}\text{C}$
casing protection degree: IP-54
mounting method: outdoor in a splash-proof plastic housing
external dimensions of the casing: 72x132x41mm
device board dimensions: 58x88x27mm

➤ Functionality

User Interface: LEDs indicating power supply and signal retransmission, dip switches to set the delay of transmitting and transmitting without delay
"ignore ether occupancy" function: accelerating the signal retransmission thanks to the immediate signal transmission without waiting for the cessation of the remote transmission
delay time adjustment: transmission delay function, enabled by means of dip switches T1, T2 and T3.
work of several retransmitters: possible operation of several retransmitters in the system, the devices do not interfere with each other thanks to the possibility of setting the transmission delay
protection against transmission loop: protection against falling into an endless repetition loop

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automation systems

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